GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:3050
ANSWERED ON:04.08.2016
Share of Sources of Renewable Energy
Rai Shri Prem Das

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the break-up of share of various sources of renewable energy in power generation in the country;
(b) whether the Government is implementing any programmes to subsidise the generation, distribution and use of solar power in the hilly/mountainous States;
(c) if so, the details thereof; and
(d) the details of wastage of renewable power generated due to lack of storage technology?

Answer

MINISTER OF STATE FOR POWER, COAL , NEW & RENEWABLE ENERGY & MINES (SHRI PIYUSH GOYAL)
(a) : A total accumulative capacity of over 44235 MW have been installed in the country from various renewable energy sources which include 27151 MW of Wind Power, 7805 MW of Solar Power, 4304 MW of Small Hydro Power and 4975 MW of Biopower.
(b) & (c) : The details of Solar schemes being implemented in the country including hilly/ mountain states for the promotion of Solar Power are as follows:
â€¢ Solar rooftop Scheme.
â€¢ Scheme on Off-grid & Decentralized Solar Applications.
â€¢ Solar Park Scheme for setting up of Solar Parks and Ultra Mega Solar Power Projects targeting over 20,000 MW of solar power projects.
â€¢ Scheme for setting up 1000 MW of Grid-Connected Solar PV Power Projects by Central Public Sector Undertakings (CPSUs) and Government of India organisations with Viability Gap Funding (VGF).
â€¢ Scheme for setting up over 300 MW of Grid-Connected Solar PV Power Projects by Defence Establishments and Para Military Forces with Viability Gap Funding(VGF).
â€¢ Pilot-cum-demonstration project for development of grid connected solar PV power plants on canal banks and canal tops.
â€¢ Bundling Scheme - 15000 MW grid-connected solar PV power plants through NTPC Ltd./ NVVN
â€¢ VGF Scheme for setting up of 2000 MW of Grid Connected Solar PV Power Projects through SECI
(d) : Energy Storage has not been incorporated in the Grid-connected renewable power projects and, therefore, no details of wastage of renewable power due to lack of energy storage is available.
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